***CLASS COPY – DO NOT WRITE ON.***

CW 47: ALGEBRA Day 3

**Honors Geometry**

Factor out the greatest common monomial factor from each polynomial function.

**Using guess and check, find two solutions that will cause the quadratic equation to equal zero.**

How can we easily find the solutions for a quadratic function that isn’t guess and check?

**The Sum and Product Identity:** For any numbers *a*  and *b* , the following is an identity:

Example:

Example: